

**Claim 1 from U.S. Patent No. 12,021,360  
(the '360 Patent)**

*A junction box comprising:*

*a housing comprising a top portion and a bottom portion, the top portion comprising an attachment portion, the bottom portion comprising a first portion on an exterior side of the housing and a second portion opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure, the second portion comprising a groove defining an area for creating a hole in the bottom portion;*

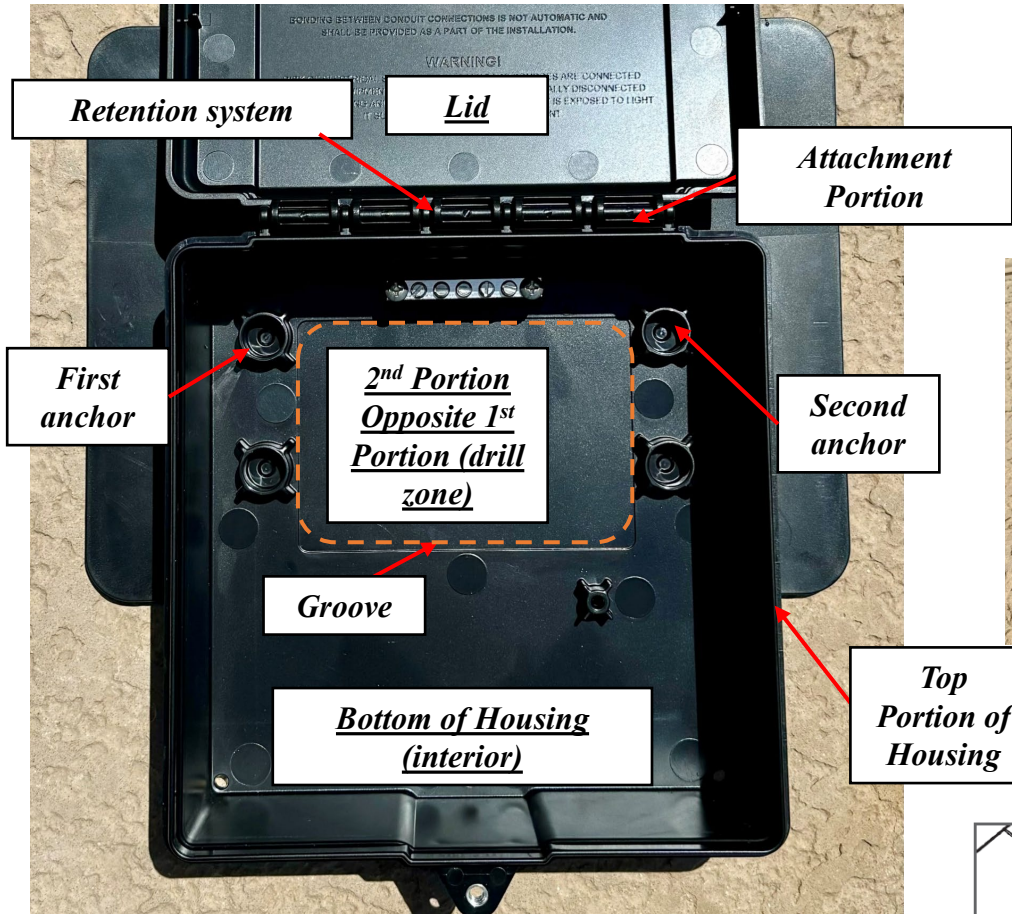
*a first anchor opening in the bottom adjacent to a first side of the area;*

*a second anchor opening in the bottom adjacent to a second side of the area,*

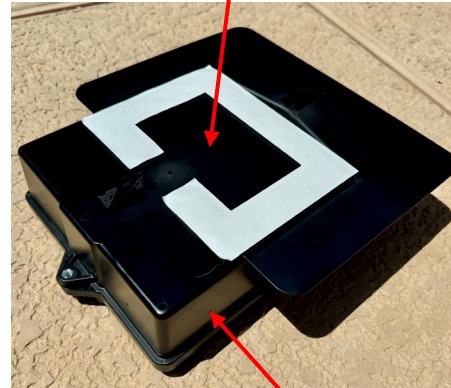
*wherein the housing is compressed against the roof structure in response to a first anchor being installed in the first anchor opening and/or a second anchor being installed in the second opening;*

*a lid configured to be mounted on the attachment portion of the housing; and*

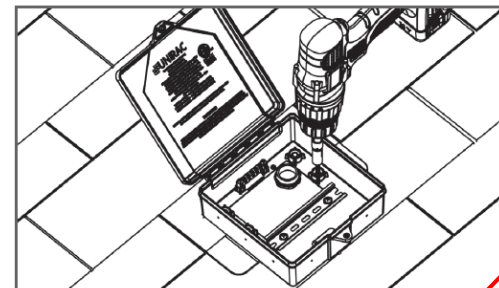
*a retention system configured to retain the lid in proximity to the housing.*



*First portion on exterior for mounting to a roof*



Housing (exterior)



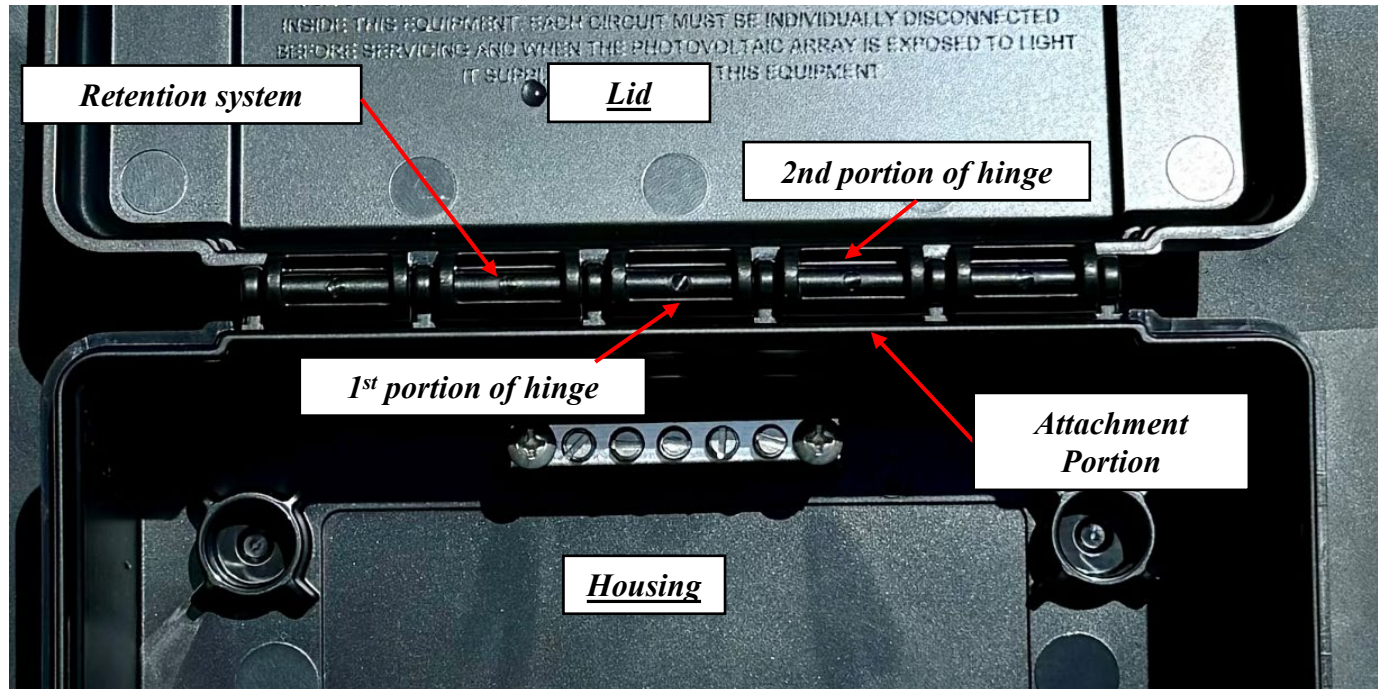
**STEP 6: SECURE SOLOBOX COMP TO ROOF**

Slide the Solobox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

**EXHIBIT**

**2**

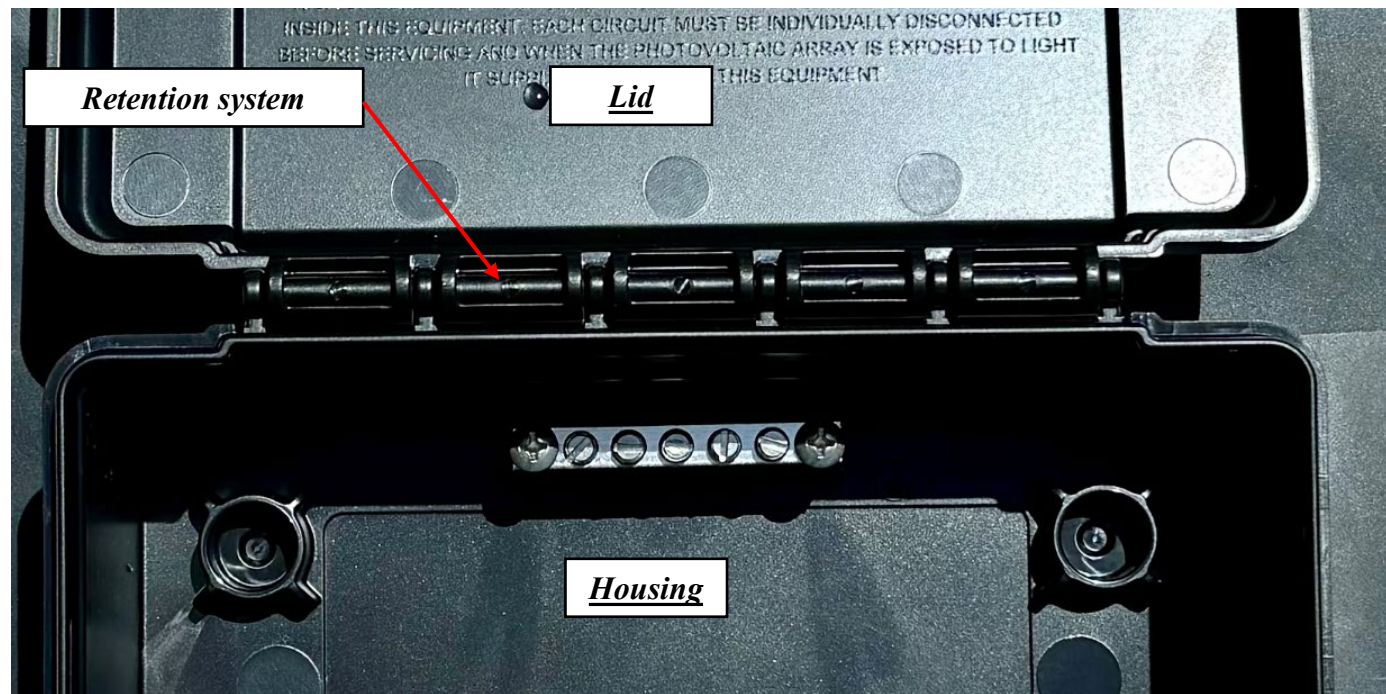
## *Claim 2 from the '360 Patent*



*The junction box of claim 1, wherein the retention system comprises a **hinge** with a **first portion** of the hinge attached to the **attachment portion** of the housing and a **second portion** of the hinge attached to the **lid**.*



*Claim 3 from the '360 Patent*



*The junction box of claim 1, wherein the retention system is configured to attach to a side of the housing and to the lid*

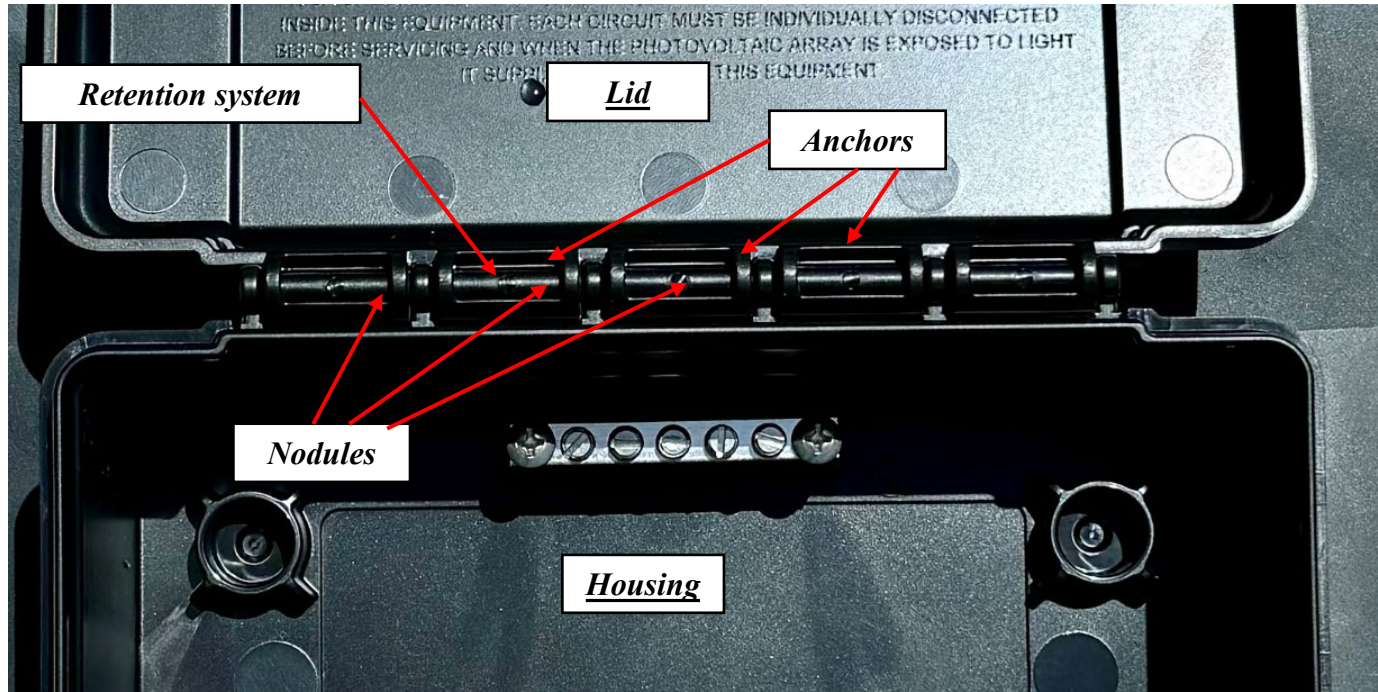
## *Claim 4 from the '360 Patent*



*Flashing*

*The junction box of claim 1, further comprising a flashing attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion.*

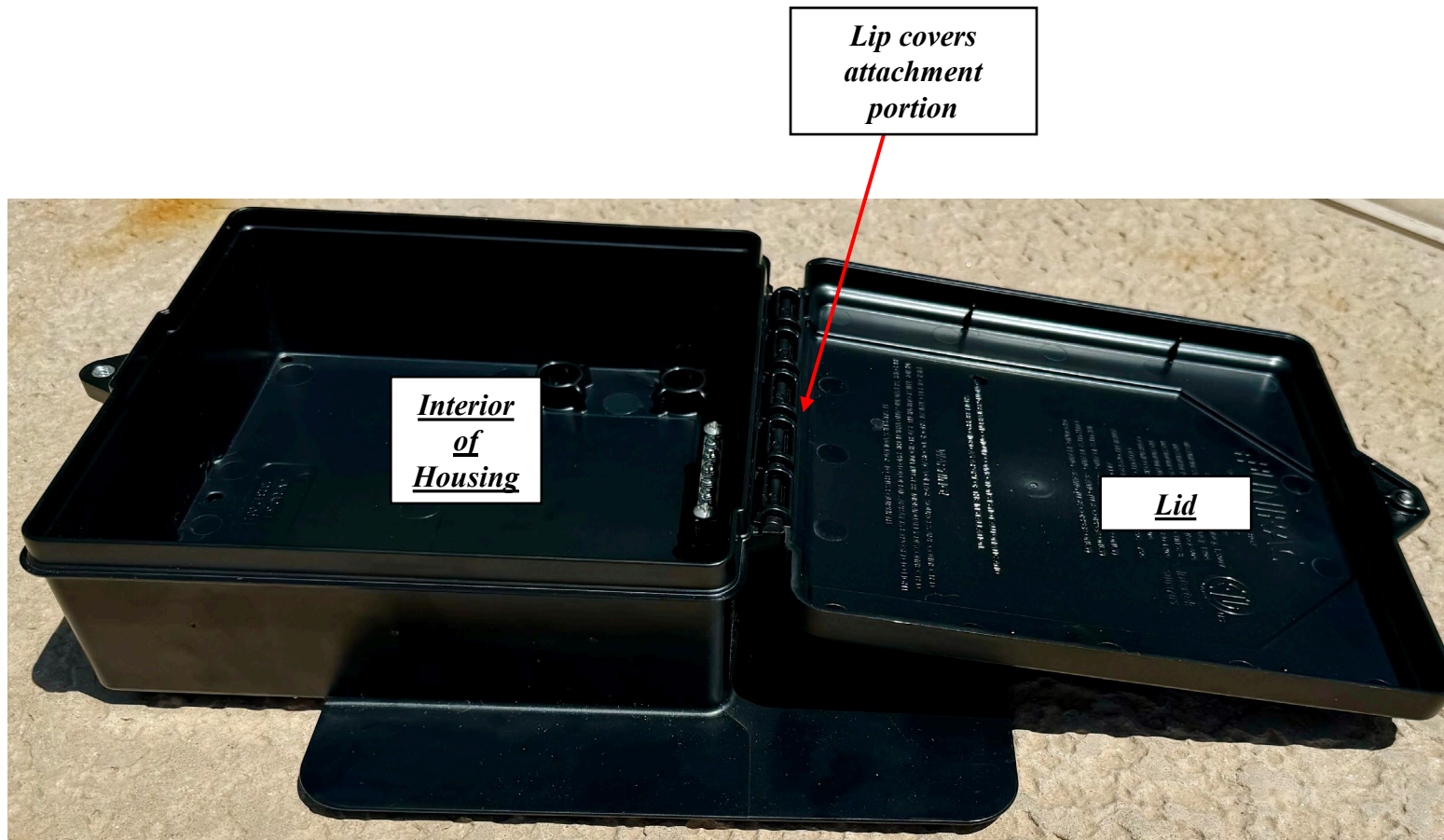
## *Claim 6 from the '360 Patent*



*The junction box of claim 1, wherein the attachment portion comprises one or more **nodules** and the lid is configured to attach to the attachment portion of the housing using one or more **anchors** secured to corresponding nodules of the one or more nodules.*

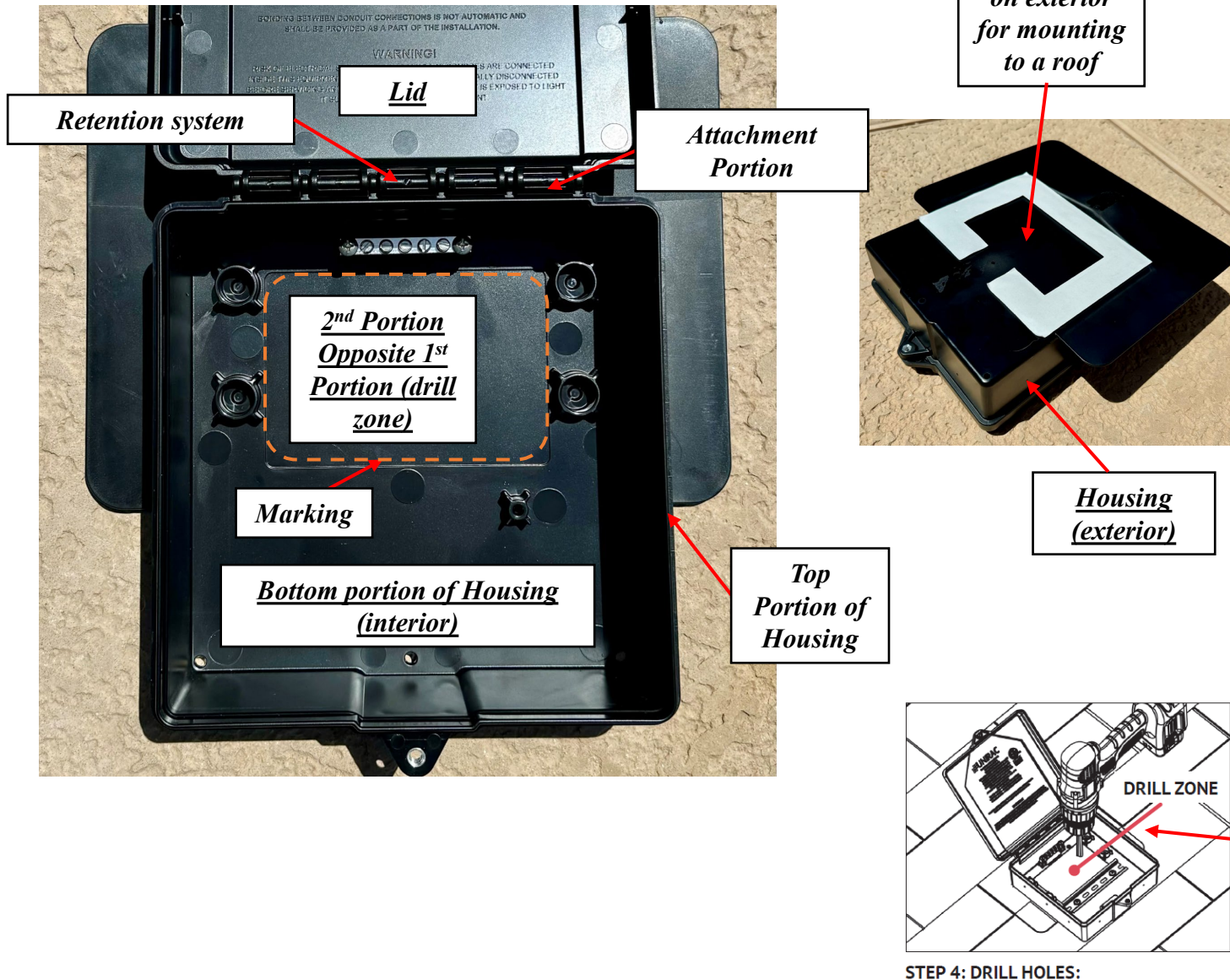


## *Claim 7 from the '360 Patent*



*The junction box of claim 1, wherein the lid is configured with a **lip** shaped to cover an opening of the attachment portion to environmentally seal an interior of the housing.*

## Claim 8 from the '360 Patent



A junction box comprising:

a **housing** comprising a **top portion** and a **bottom portion**, the top portion comprising an **attachment portion**, the bottom portion comprising a **first portion** on an exterior side of the housing and a **second portion** opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure;

a **lid** configured to be mounted on the attachment portion of the housing; and

a **retention system** configured to retain the lid in proximity to the housing,

wherein the second portion of the bottom portion comprises a **drill zone** marking on the second portion of the bottom portion along a perimeter of a central area of the second portion and/or within the central area, **the drill zone configured for penetrations through the bottom portion and the roof into the structure.**

STEP 4: DRILL HOLES:



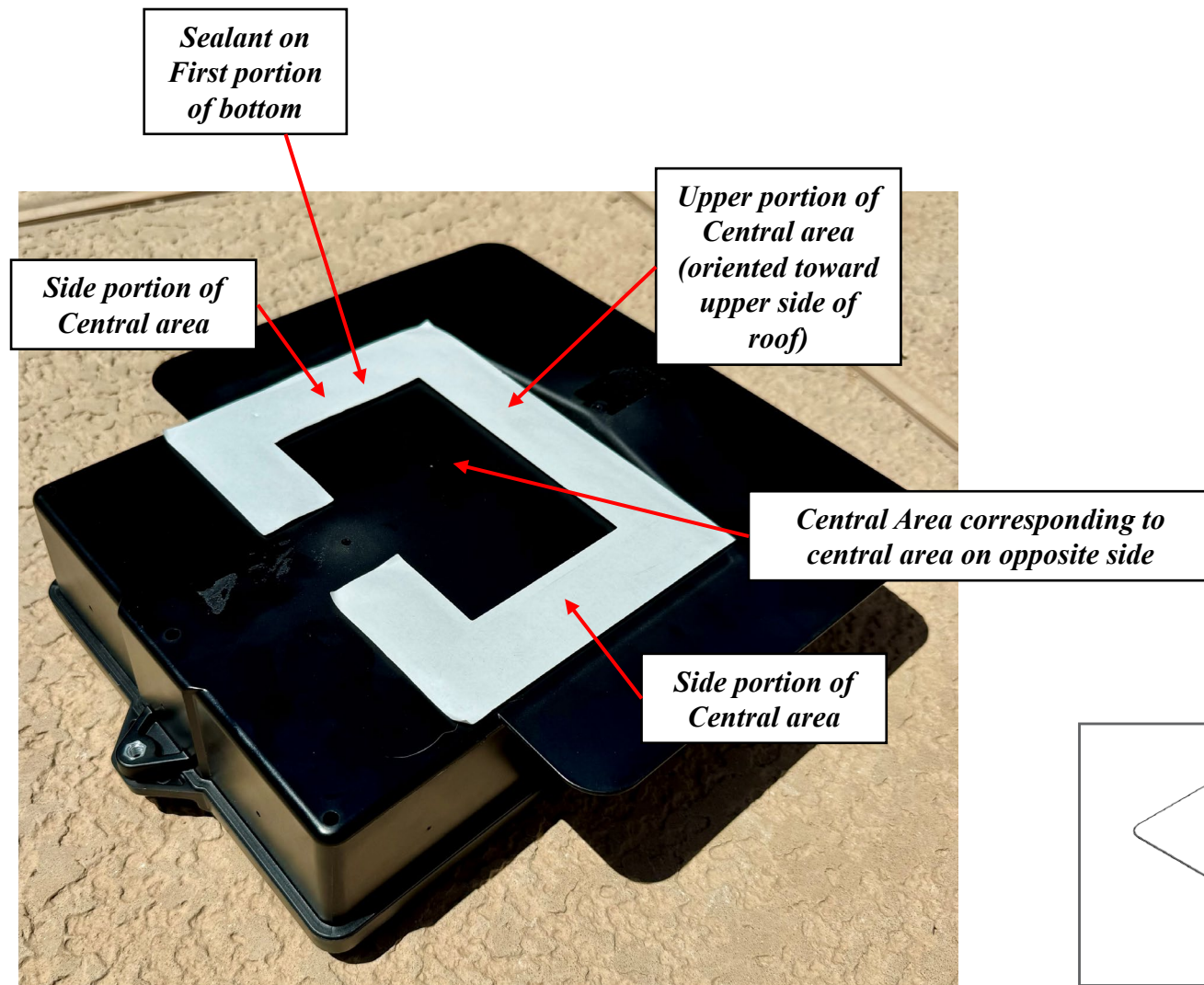


## *Claim 9 from the '360 Patent*

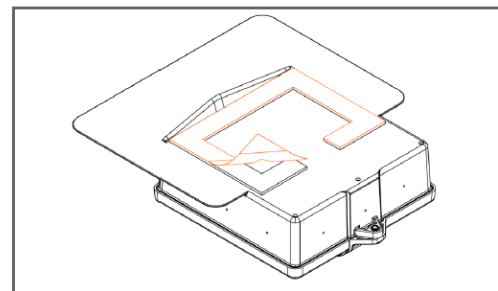
*The junction box of claim 8, further comprising a flashing attached to the bottom portion of the housing.*



## *Claim 10 from the '360 Patent*



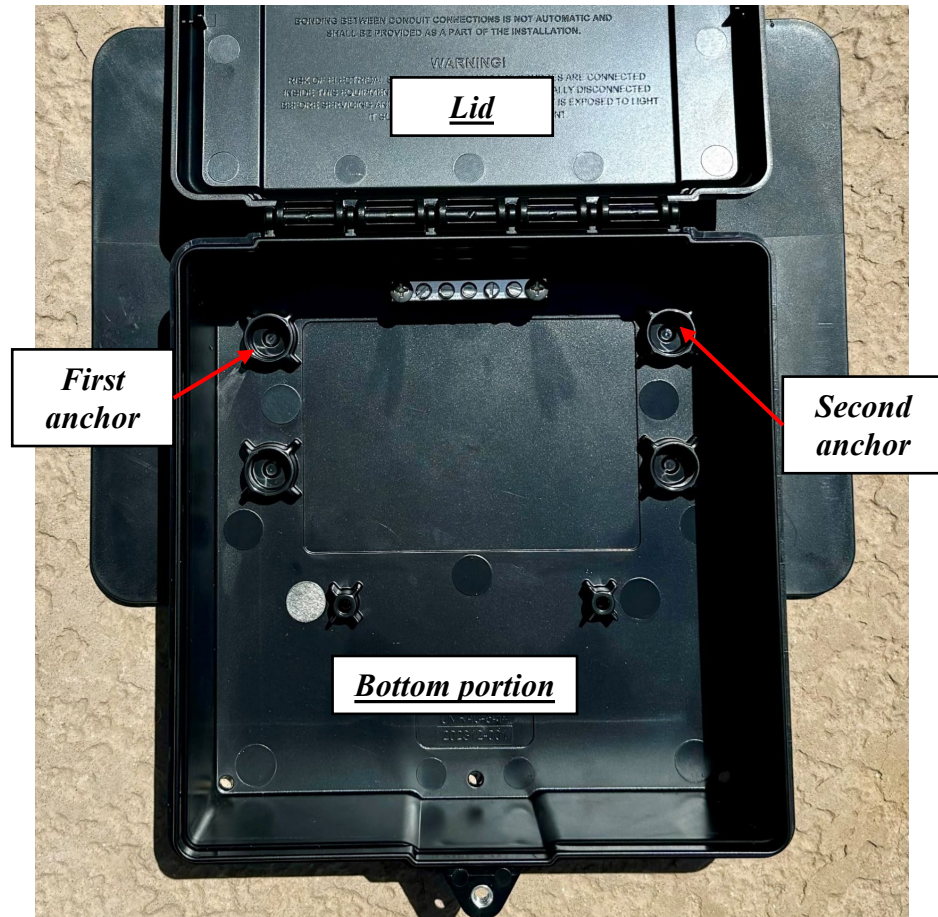
*The junction box of claim 8, further comprising a **sealant** disposed on the **first portion of the bottom portion**, the sealant surrounding a **central area** of the bottom portion, the **central area of the first portion corresponding to the central area of the second portion**, the sealant surrounding at least an **upper portion** and **side portions** of the central area, wherein the upper portion is oriented toward an upper side of the bottom portion with respect to a slope of the roof.*



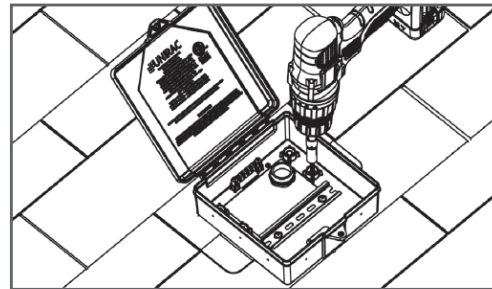
### **STEP 5: PEEL OFF BUTYL COVER**

Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.

## *Claim 11 from the '360 Patent*



*The junction box of claim 10, further comprising a plurality of **anchor openings** in the bottom portion, each anchor opening configured for an anchor; wherein securing an anchor through an anchor opening of the plurality of anchor openings contributes to securing the housing to the roof and applies a force directed toward the roof that compresses a portion of the sealant adjacent to and/or surrounding the anchor opening.*

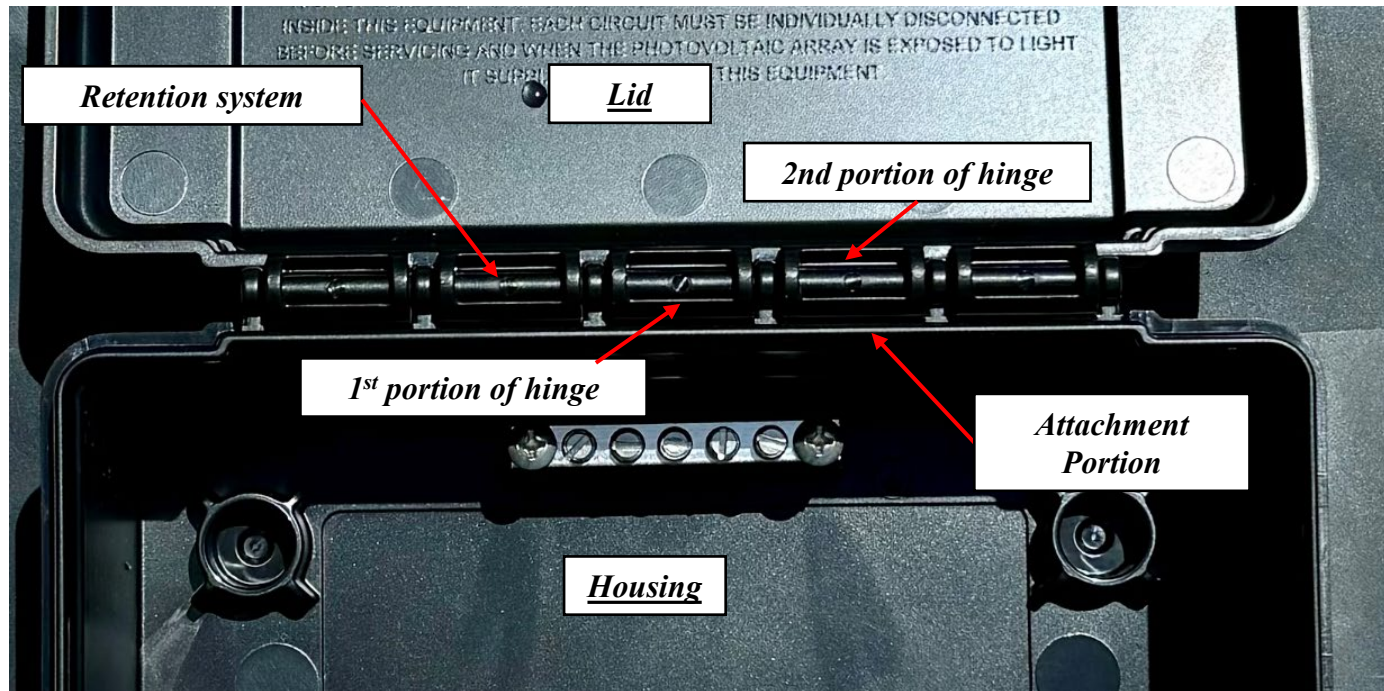


### **STEP 6: SECURE SOLOBOX COMP TO ROOF**

Slide the Solobox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

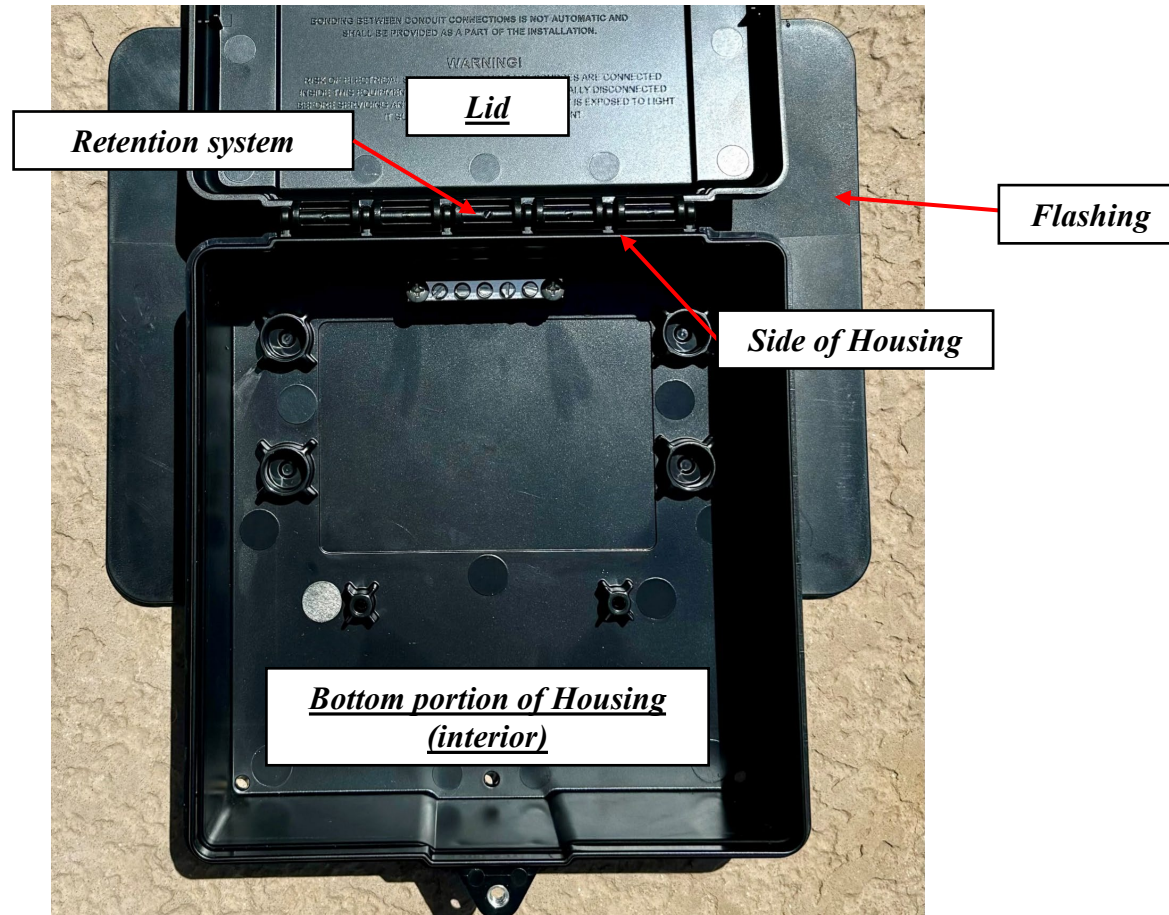


## *Claim 12 from the '360 Patent*



*The junction box of claim 8, wherein the retention system comprises a **hinge** with a **first portion** of the hinge attached to the attachment portion of the housing and a **second portion** of the hinge attached to the lid.*

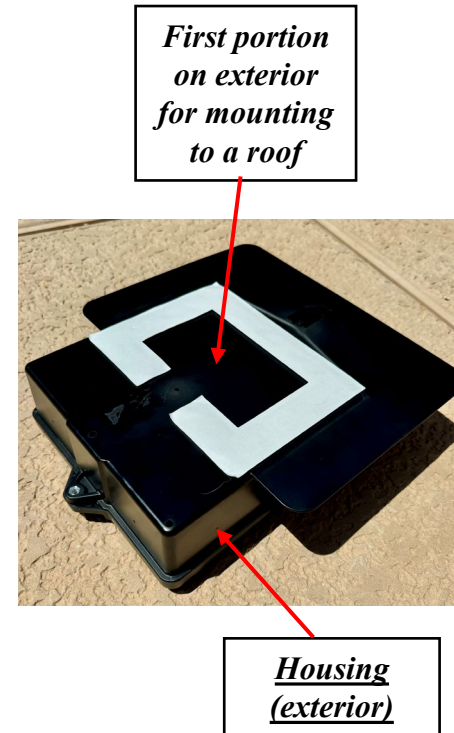
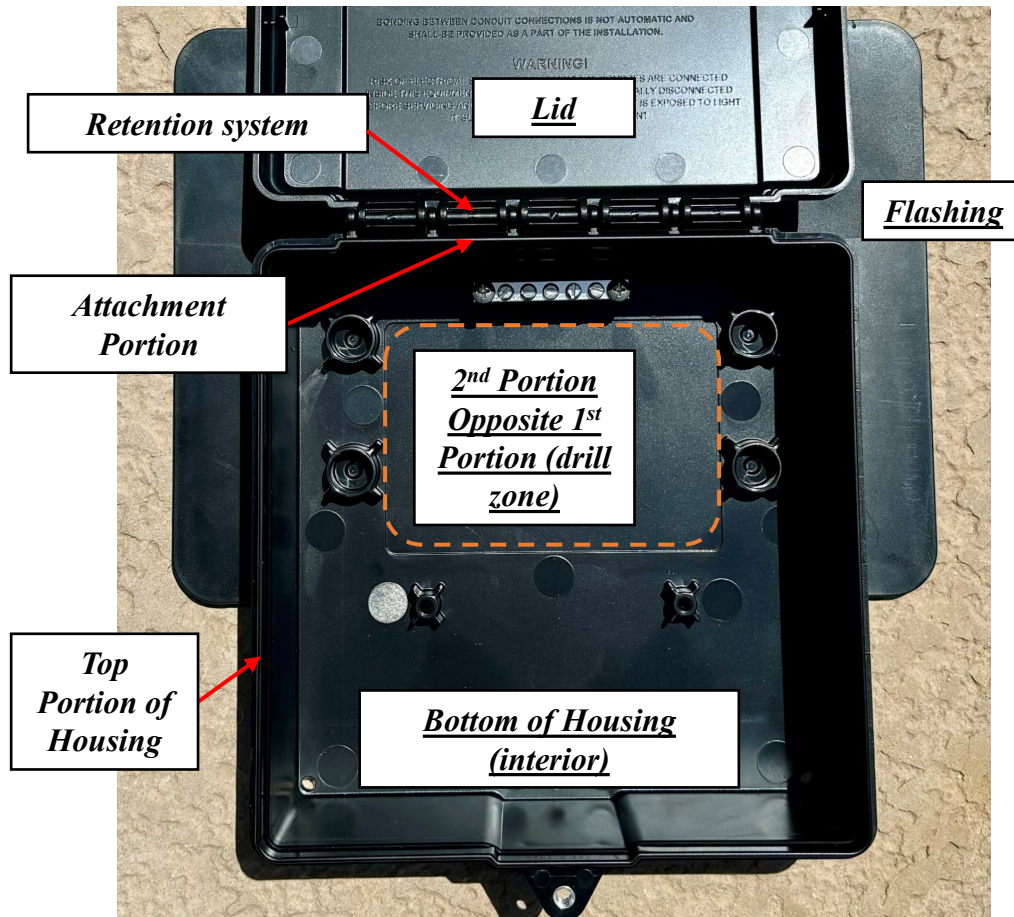
### *Claim 13 from the '360 Patent*



*The junction box of claim 8, wherein the **retention system** is configured to attach to the **lid** and to a **side of the housing** or to a **flashing**, the **flashing** attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion.*



# *Claim 14 from the '360 Patent*



*A junction box comprising:*

*a housing comprising a top portion and a bottom portion, the top portion comprising an attachment portion, the bottom portion comprising a first portion on an exterior side of the housing and a second portion opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure;*

*a lid configured to be mounted on the attachment portion of the housing;*

*a flashing attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion; and*

*a retention system configured to retain the lid in proximity to the housing.*

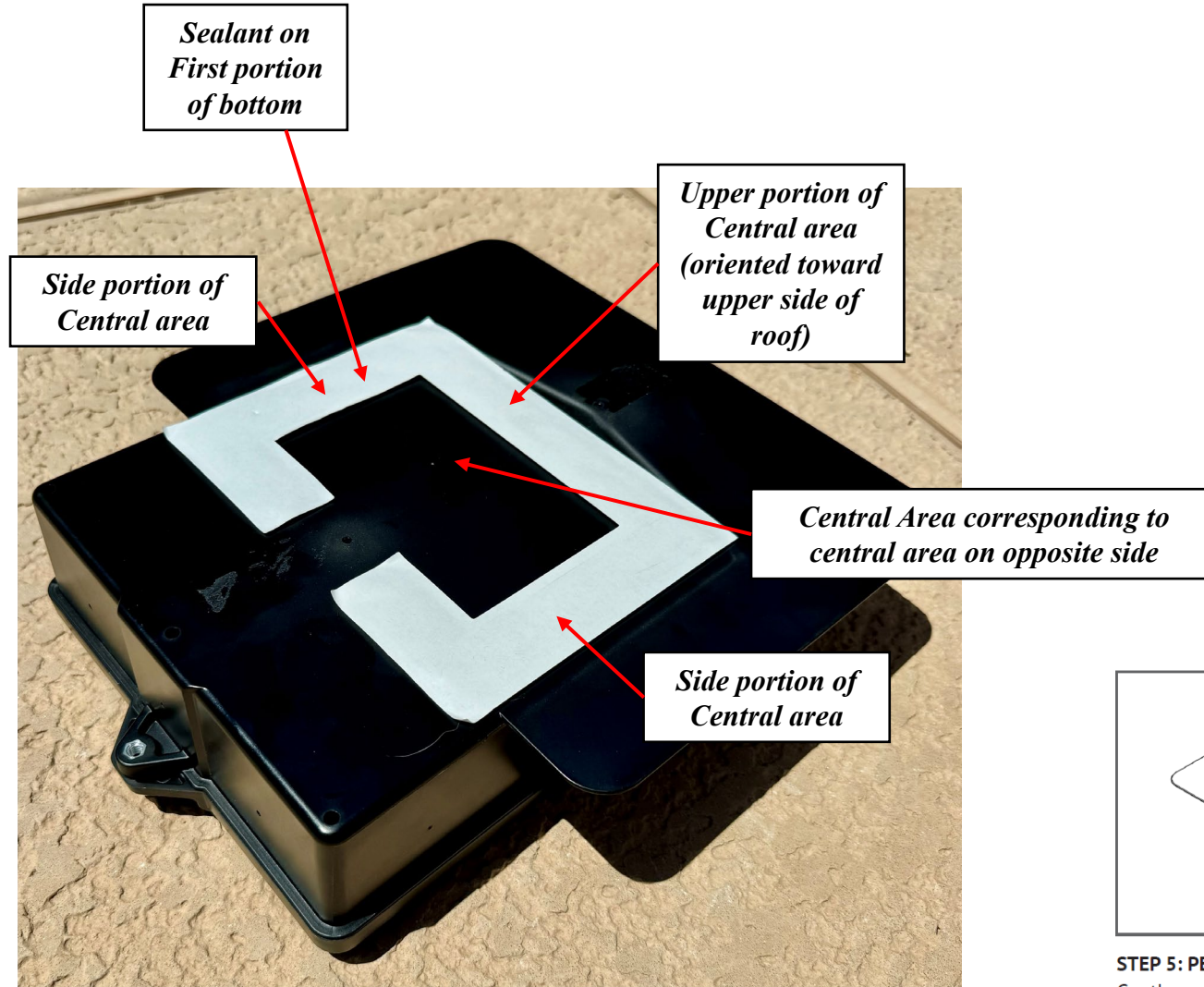
## ***Claim 15 from the '360 Patent***



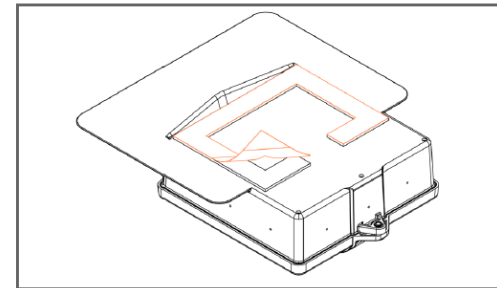
*The junction box of claim 1, wherein a plurality of anchor openings comprises the first anchor opening and the second anchor opening.*



## *Claim 16 from the '360 Patent*



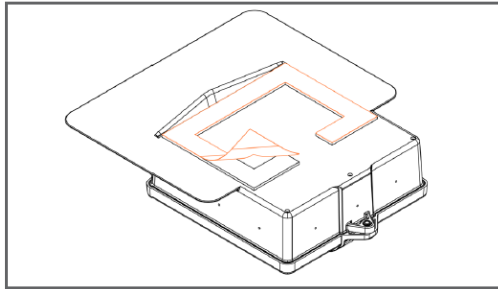
*The junction box of claim 15, further comprising a **sealant** disposed on the first portion of the bottom portion, the sealant **surrounding the area of the bottom portion**, the area of the first portion corresponding to the area of the **second portion**, the sealant surrounding at least an **upper portion** and **side portions** of the area, wherein the upper portion is oriented toward an upper side of the bottom portion with respect to a slope of the roof.*



### **STEP 5: PEEL OFF BUTYL COVER**

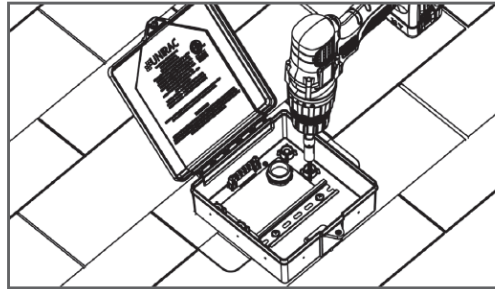
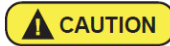
Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.

## *Claim 17 from the '360 Patent*



### **STEP 5: PEEL OFF BUTYL COVER**

Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.



### **STEP 6: SECURE SOLOBOX COMP TO ROOF**

Slide the Solobox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

*The junction box of claim 16, wherein securing an anchor through each of the plurality of anchor openings **contributes to securing the housing to the roof** and applies a force directed toward the roof that **compresses a portion of the sealant** adjacent to and/or surrounding the area.*